187/1 S

41931885

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Qingquan SU et al.

Attn: BOX PCT

Serial No. NEW

Docket No. 2001 1479A

Filed October 2, 2001

HYDROGEN PRODUCTION METHOD AND APPARATUS BY GASIFICATION OF COMBUSTIBLES

[Corresponding to PCT/JP00/02149 Filed April 3, 2000]

## INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents, Washington, DC 20231

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of [X] the references listed on attached form PTO-1449 and/or [] the additional information identified below in paragraph 3. A legible copy of each reference listed on the form PTO-1449 and each U.S. patent application listed below is enclosed, except a copy is not provided for each reference previously cited by or submitted to the Patent Office in prior parent application Serial No.

1a. [X] This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-

## and thus no certification and/or fee is required.

otherwise closes prosecution in the application, and prior to payment of the issue fee thus:  the certification of paragraph 2 below is provided, and the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.  2. It is hereby certified  a [] that each item of information contained in this Information Disclosure Statem was first cited in any communication from a foreign patent office in a coun foreign application not more than three months prior to the filing of the Statement, or  b [] that no item of information contained in the Information Disclosure Statem was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certific											
Action or a Notice of Allowance or an action which otherwise closes prosecution in application, and thus:  (1) [] the certification of paragraph 2 below is provided, or  (2) [] the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.  1c. [] This Information Disclosure Statement is submitted.  after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee thus:  the certification of paragraph 2 below is provided, and the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.  2. It is hereby certified  a [] that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a count foreign application not more than three months prior to the filing of the Statement, or  b [] that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certific after making reasonable inquiry, was known to any individual designated in	Ib,	[] This Information Disclosure Statement is submitted									
<ul> <li>(2) [] the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.</li> <li>1c [] This Information Disclosure Statement is submitted.  after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue for thus.  the certification of paragraph 2 below is provided, and the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.</li> <li>2. It is hereby certified  a [] that each item of information contained in this Information Disclosure Statements was first cited in any communication from a foreign patent office in a count foreign application not more than three months prior to the filing of the Statement, or</li> <li>b [] that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certific after making reasonable inquiry, was known to any individual designated in</li> </ul>		Action	or a Notice of Allowance or an action which otherwise closes prosecution in the								
after the mailing date of a final Office Action or Notice of Allowance or action white otherwise closes prosecution in the application, and prior to payment of the issue fee thus  the certification of paragraph 2 below is provided, and  the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.  2. It is hereby certified  a [] that each item of information contained in this Information Disclosure Statems foreign application not more than three months prior to the filing of the Statement, or  b [] that no item of information contained in the Information Disclosure Statem was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certific after making reasonable inquiry, was known to any individual designated in		(1) [] the certification of paragraph 2 below is provided, or									
after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue for thus:  the certification of paragraph 2 below is provided, and the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.  2. It is hereby certified  a [] that each item of information contained in this Information Disclosure State was first cited in any communication from a foreign patent office in a count foreign application not more than three months prior to the filing of the Statement, or  b [] that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certific after making reasonable inquiry, was known to any individual designated in		(2) [] the fee of \$180,00 specified in 37 CFR 1.17(p) is enclosed.									
otherwise closes prosecution in the application, and prior to payment of the issue fee thus.  the certification of paragraph 2 below is provided, and  the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.  2. It is hereby certified  a [] that each item of information contained in this Information Disclosure Stat was first cited in any communication from a foreign patent office in a coun foreign application not more than three months prior to the filing of the Statement, or  b [] that no item of information contained in the Information Disclosure Statem was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certific after making reasonable inquiry, was known to any individual designated in	Ic.	[] This Information Disclosure Statement is submitted.									
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.  2. It is hereby certified  a [] that each item of information contained in this Information Disclosure Stat was first cited in any communication from a foreign patent office in a coun foreign application not more than three months prior to the filing of the Statement, or  b [] that no item of information contained in the Information Disclosure Statem was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certific after making reasonable inquiry, was known to any individual designated in		after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:									
<ul> <li>a [] that each item of information contained in this Information Disclosure Stat was first cited in any communication from a foreign patent office in a coun foreign application not more than three months prior to the filing of the Statement, or</li> <li>b [] that no item of information contained in the Information Disclosure Statem was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certific after making reasonable inquiry, was known to any individual designated in</li> </ul>		the certification of paragraph 2 below is provided, and									
that each item of information contained in this Information Disclosure Stat was first cited in any communication from a foreign patent office in a coun foreign application not more than three months prior to the filing of the Statement, or  b [] that no item of information contained in the Information Disclosure Statem was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certific after making reasonable inquiry, was known to any individual designated in		the fee	of \$180.00 specified in 37 CFR 1.17(p) is enclosed.								
was first cited in any communication from a foreign patent office in a coun foreign application not more than three months prior to the filing of the Statement, or  b [] that no item of information contained in the Information Disclosure Statem was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certific after making reasonable inquiry, was known to any individual designated in	2.	It is hereby certified									
was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certific after making reasonable inquiry, was known to any individual designated in		a []									
		b []	foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in								

3. [] Consideration of the following list of a tilitian dilaterate of the control of

- 4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
  - a. [] a full or partial English language translation submitted herewith,
  - b. [X] a foreign patent office search report (in the English language) submitted herewith,
  - c. [] the concise explanation contained in the specification of the present application at page.
  - d. [] the concise explanation set forth in the attached English language abstract,
  - e. [X] the concise explanation set forth below or on a separate sheet attached to the reference

References AA, AB and AG-AK were cited in the International Search Report (attached hereto); and reference AL was cited in the International Preliminary Examination Report (attached as ATTACHMENT H).

5. [] A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Qingquan SU et al.

By Charles R. Watts

Registration No. 33,142 Attorney for Applicants

CRW asd Washington, D.C. 20006-1021 Telephone (202) 721-8200 Facsimile (202) 721-8250 October 2, 2001

Sheet 1 of 1		0		T						
FORM PTO 1449 (/		MENT OF COMMER	RCE.			SERIAL NEW	rial no. EW			
PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S)  (Use several sheets if necessary)  Date Submitted to PTO: October 2, 2001				APPLICANT Qingquan SU et al.						
				FILING DATE October 2, 2001			GROUP			
				U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLA	ss	SUBCLASS	FILING (		
	АА	5,457,250	10/10/95	Gerhardus et al.		i				
	АВ	5,604,047	2/18/97	Bellows et al.						
	AC									
	AD									
	AE									
***	AF	·							' '	
				FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLA	SS	SUBCLASS	TRANSLATION YES NO		
	AG	59-75987	4/28/84	JP						
	АН	3-208801	9/12/91	JP						
	AI	62-278769	12/3/87	JP						
	AJ	4-65302	3/2/92	JP						
	AK	60 35730	3 12/85	JP						
	AL	63-70669	5/12/88	JP						
	AM	5 29014	2 5 93	JP				Abstract		
	AN									
		О І Н	ER DOCUMENT(S	ilincluding Author, Title, Date, Per	rtinent Page	s, Etc.)				
	AO					-				
	AP									
	1									